

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

1. (Currently amended) A *Lactobacillus jensenii* bacterium comprising an expression cassette, the expression cassette comprising a promoter operably linked to polynucleotide encoding a signal sequence and a biologically-active polypeptide, wherein the biologically active polypeptide is linked to a heterologous carboxyl terminal cell wall targeting region and wherein the cell wall targeting region comprises SEQ ID NO:7 or SEQ ID NO:8 or variants thereof in which LPQTG (SEQ ID NO:13) in SEQ ID NO:7 or SEQ ID NO:8 is replaced with LPOSG (SEQ ID NO:11), LPQAG (SEQ ID NO:12), or LPQTA (SEQ ID NO:14) the heterologous carboxyl terminal cell wall targeting region comprises in the following order:
a cell wall associated sequence;
LPQ(S/A/T)(G/A);and
a hydrophobic sequence.

2-3. (Canceled)

4. (Currently amended) The *Lactobacillus jensenii* bacterium of claim 1, wherein the heterologous carboxyl terminal cell wall targeting region further comprises a charged sequence at the carboxyl terminus of the cell wall targeting region, wherein the charged sequence comprises a sequence selected from the group consisting of SEQ ID NO:22, SEQ ID NO:23, and SEQ ID NO:24.

5. (Previously presented) The *Lactobacillus jensenii* bacterium of claim 1, wherein the *Lactobacillus jensenii* bacterium is a vagina-colonizing strain.

6. (Canceled)

7. (Currently amended) The *Lactobacillus* bacterium of claim 1, wherein the cell wall targeting region comprises the amino acid sequence LPQSG (SEQ ID NO:11).

8. (Currently amended) The *Lactobacillus* bacterium of claim 1, wherein the cell wall targeting region comprises the amino acid sequence LPQAG (SEQ ID NO:12).

9. (Currently amended) The *Lactobacillus* bacterium of claim 1, wherein the cell wall targeting region comprises the amino acid sequence LPQTA (SEQ ID NO:13).

10. (Currently amended) The *Lactobacillus* bacterium of claim 1, wherein the cell wall targeting region comprises the amino acid sequence LPQTA (SEQ ID NO:14).

11. (Previously presented) The *Lactobacillus jensenii* bacterium of claim 1, wherein the cell wall targeting region comprises SEQ ID NO:7.

12. (Previously presented) The *Lactobacillus jensenii* bacterium of claim 1, wherein the cell wall targeting region comprises SEQ ID NO:8.

13. (Previously presented) The *Lactobacillus jensenii* bacterium of claim 1, wherein the biologically active polypeptide is expressed in the cell wall of the bacterium.

14. (Canceled)

15. (Previously presented) The *Lactobacillus jensenii* bacterium of claim 1, wherein the biologically active protein binds to a pathogen when the biologically active protein is contacted with the pathogen.

16. (Previously presented) The *Lactobacillus jensenii* bacterium of claim 15, wherein the pathogen is a bacterial pathogen.

17. (Previously presented) The *Lactobacillus jensenii* bacterium of claim 15, wherein the pathogen is a fungal pathogen.

18. (Previously presented) The *Lactobacillus jensenii* bacterium of claim 15, wherein the pathogen is a viral pathogen.

19. (Previously presented) The *Lactobacillus jensenii* bacterium of claim 18, wherein the viral pathogen is HIV.

20. (Previously presented) The *Lactobacillus jensenii* bacterium of claim 19, wherein the biologically active protein is CD4 or an HIV-binding fragment of CD4.

21. (Previously presented) The *Lactobacillus jensenii* bacterium of claim 19, wherein the biologically active protein is 2D-CD4.

22. (Previously presented) The *Lactobacillus jensenii* bacterium of claim 18, wherein the biologically active protein is cyanovirin-N or a virus-binding fragment of cyanovirin-N.

23. (Previously presented) The *Lactobacillus jensenii* bacterium of claim 18, wherein the viral pathogen is herpes simplex virus.

24. (Previously presented) The *Lactobacillus jensenii* bacterium of claim 18, wherein the biologically active protein is herpes simplex virus entry mediator C (HvEC) or a virus-binding fragment of HvEC.

25. (Currently amended) The *Lactobacillus jensenii* bacterium of claim 1, wherein the biologically active polypeptide is released from the ~~Lactobacillus~~ *Lactobacillus* bacterium.

26. (Currently amended) The *Lactobacillus jensenii* bacterium of claim 4, wherein the biologically active polypeptide is anchored to the cell wall of the ~~Lactobacillus~~ *Lactobacillus* bacterium.

27-66. (Canceled)